

Figure 1

Amplitude Spectrum for Model 0914 with Foam in Test Box

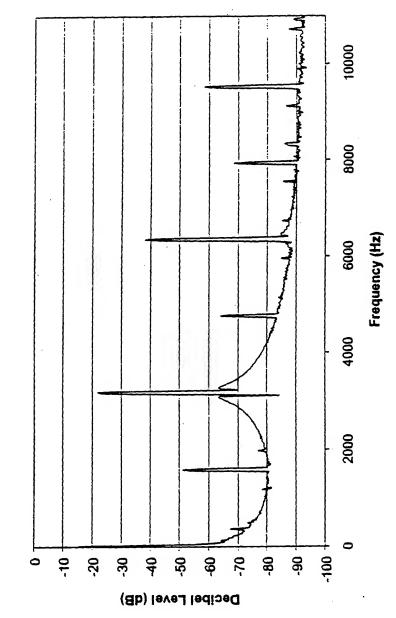


Figure 26

10000 8000 Amplitude Spectrum for Model 0914 without Foam in Test 80x0009 4000 2000 -50 Decibel Level (dB) -10 - 06-9

Figure 2(6)

Frequency (Hz)

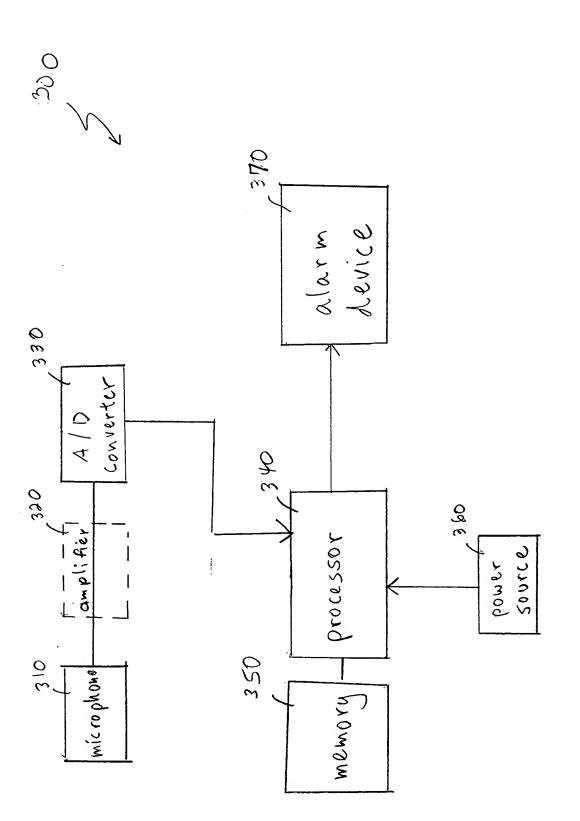
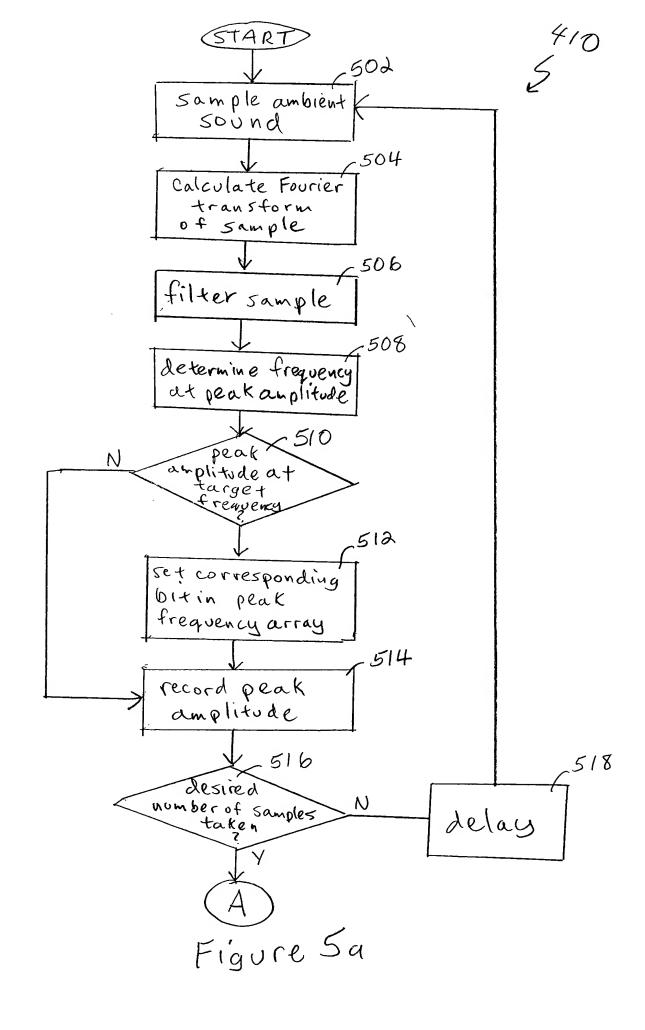


Figure 3

400 START 402 sumple ambient sound .403 calculate Fourier transform of sample 404 filter determine frequency of peak amplitude -408 peak N amplitude at target frequency 410 Call acquisition subroutine 412 delay

Figure 4



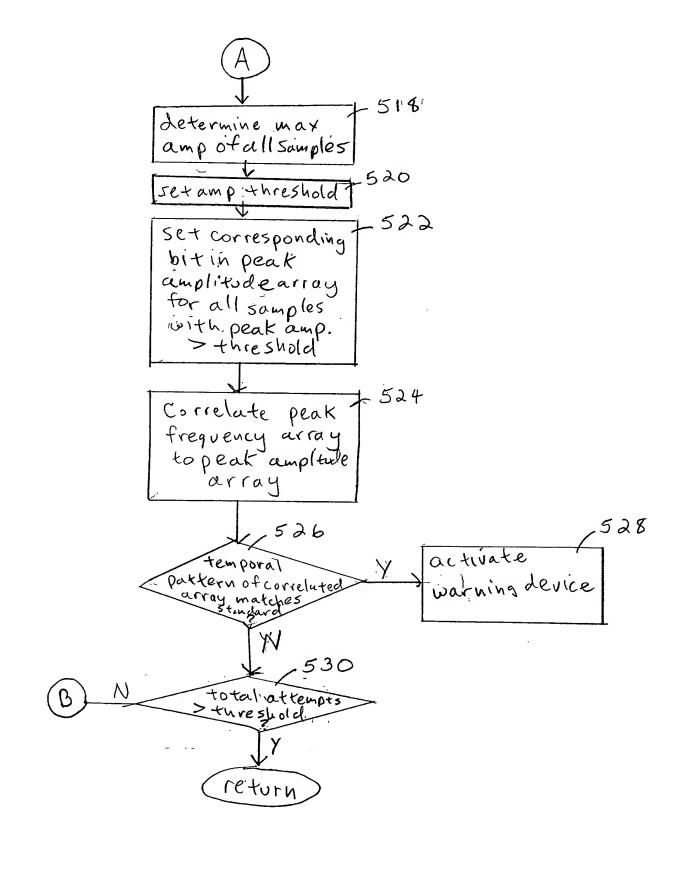
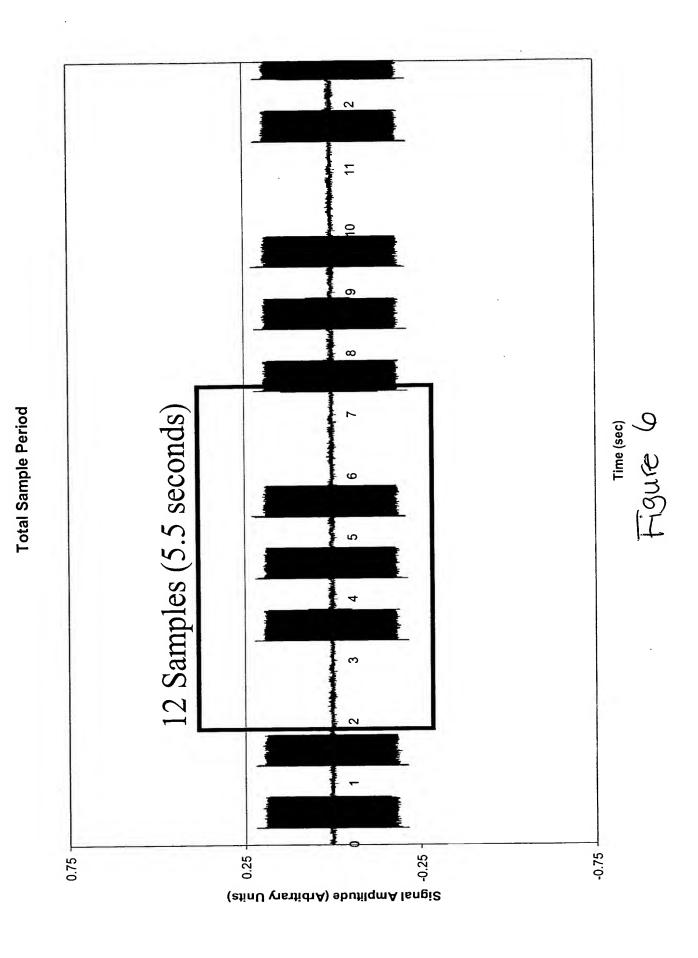


Figure 56



Twelve 50 ms scans spaced by 0.5 sec Time (sec) Scan Pattern 0.75 0.25 Signal Amplitude (Arbitrary Units)

Figure 7

Figure S